

Application No. 10/000,310

a stator coolant passage means provided radially inside of the housing and radially outside of the stator core, the stator coolant passage means having a damping member and a stator coolant tube defining a stator coolant passage for flowing coolant therethrough, the damping member having a part disposed radially outside the stator coolant passage, wherein the damping member is constructed of a pair of plate-like damping members, and at least one of the plate-like damping members has a groove on a surface thereof for defining the stator coolant passage.

8. (Amended) A rotary electric machine mounted on a vehicle, comprising:

a stator including a stator core and an armature coil that is wound around the stator core and has a coil end protruding from the stator core in an axial direction;

a rotor arranged opposite to the stator core;

a housing supporting the stator and the rotor; and

a stator coolant passage means provided radially inside of the housing and radially outside of the stator core, the stator coolant passage means having a damping member and a stator coolant tube defining a stator coolant passage for flowing coolant therethrough, the damping member having a part disposed radially outside the stator coolant passage, wherein the damping member includes a pair of plates, at least one of plates has a groove on a surface thereof for defining the stator coolant passage by being bonded to each other.

9. (Amended) A rotary electric machine mounted on a vehicle, comprising:

a stator including a stator core and an armature coil that is wound around the stator core and has a coil end protruding from the stator core in an axial direction;

a rotor arranged opposite to the stator core;

a housing supporting the stator and the rotor; and